

Converting Colors

YUV(53.1400, 24.5810, 2.5082)

Have a look what the booklet for
YUV(53.1400, 24.5810, 2.5082)
contains.

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Color

**YUV(53.1400, 24.5810,
2.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	382A67
RGB	56, 42, 103
RGB Percent	22%, 16%, 40%
CMY	0.7804, 0.8353, 0.5961
CMYK	0.46, 0.59, 0.00, 0.60
HSL	254°, 42%, 28%
HSV	254°, 59%, 40%
XYZ	4.9070, 3.4760, 13.2443
YIQ	53.1400, -11.2370, 21.9390

Conversions

Conversions Part 2

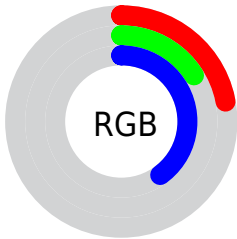
Format	Color
R_{YB}	56, 42, 103
Decimal	3680871
CIE _{Lab}	21.86, 23.00, -33.82
CIE _{LCh}	22, 40.904, 304.216
Yxy	3.4760, 0.2269, 0.1607
Android (android.graphics.Color)	4281870951 (0xFF382A67)
YUV	53.1400, 24.5810, 2.5082
Hunter-Lab	18.6439, 14.3539, -29.0677

Details

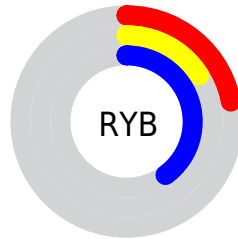
The YUV color **53.1400, 24.5810, 2.5082** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **91.8600, -24.5810, -2.5082**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.0200, 26.6121, 4.3675**, and **9.2600, 22.5498, 0.6490** is the 20% darker color. If you saturate the color by 10%, you get **44.8780, 28.6541, 2.7380**, and if you desaturate by 10%, it is **61.4020, 20.5078, 2.2784**.

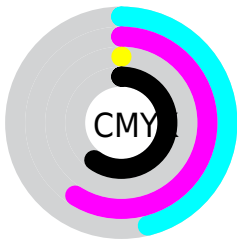
Distribution



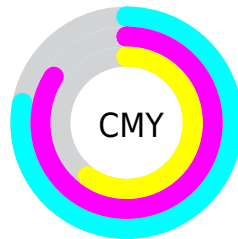
- Red (22%)
- Green (16%)
- Blue (40%)



- Red (22%)
- Yellow (16%)
- Blue (40%)



- Cyan (46%)
- Magenta (59%)
- Yellow (0%)
- Black (60%)



- Cyan (78%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.1400, 24.5810, 2.5082 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 53.1400, 24.5810, 2.5082 by changing the saturation by 10% instead.

■ 53.1400, 24.5810,
2.5082

■ 53.1400, 24.5810,
2.5082

■ 255.0000, 0.0000,
0.0000

■ 30.6020, 23.8602,
0.3490

■ 101.0200, 26.6121,
4.3675

■ 9.2600, 22.5498,
0.6490

■ 126.2590, 27.4803,
5.9119

■ 4.9360, 13.8356,
-4.3289

■ 152.6720, 27.7697,
6.4267

■ 0.6840, 2.6208,
-0.5999

■ 179.3130, 28.9327,
6.7415

■ 0.0000, 0.0000,
0.0000

■ 206.0590, 24.1279,
7.8413

■ 231.1660, 11.7502,

11.2554

250.8910, 2.0257,
3.6036

53.1400, 24.5810,
2.5082

53.1400, 24.5810,
2.5082

44.8780, 28.6541,
2.7380

61.4020, 20.5078,
2.2784

36.0290, 33.0167,
3.4826

70.2510, 16.1453,
1.5339

27.7670, 37.0899,
3.7123

78.5130, 12.0721,
1.3041

19.5050, 41.1630,
3.9421

86.7750, 7.9989,
1.0743

18.9180, 41.4524,
4.4569

95.6240, 3.6364,
0.3298

■ 103.8860, -0.4368,
0.1000

■ 112.1480, -4.5100,
-0.1298

■ 120.1110, -8.4357,
-0.9743

■ 128.9600,
-12.7983, -1.7189

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



45.1670, 33.4417, -39.6115



53.1400, 24.5810, 2.5082



50.8900, 13.8582, 35.1765

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.1400, 24.5810, 2.5082



49.1940, -24.2526, 32.2789



44.5390, 5.6503, -39.0607

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.1400, 24.5810, 2.5082



91.8600, -24.5810, -2.5082

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.3040, -8.0379, -35.3466



53.1400, 24.5810, 2.5082



49.0620, -24.1876, 11.3466

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1400, 24.5810, 2.5082



46.5670, -13.0975, 47.7377



44.1900, -21.7857, -12.4446



47.9590, 18.7542, -42.0600

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1400, 24.5810, 2.5082



46.1430, 6.8315, 48.9866



44.1900, -21.7857, -12.4446



43.2850, 0.8455, -37.9609

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



53.1400, 24.5810, 2.5082



115.2310, 9.7461, 0.6744



77.1300, 12.7539, -30.8090



56.6070, 6.1097, 0.3447



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.1400, 24.5810, 2.5082



56.5220, 38.6897, 3.9272



62.1100, 20.1588, 20.9515



46.8690, 2.0366, 0.1149



20.8840, 46.3992, 4.4867



44.3320, 97.4503, 10.2328

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.5970, 11.5377, 32.8024



76.1400, 18.1720, 51.6202



82.8900, -20.1588, -20.9515



47.9510, 1.0102, 2.6740



44.4170, 21.4864, 61.9013



93.6760, 46.0087, 130.0801

Previews

White Background



This preview shows how the YUV color 53.1400, 24.5810, 2.5082 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 53.1400, 24.5810, 2.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

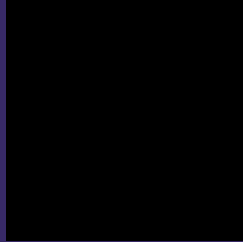
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 53.1400, 24.5810, 2.5082

Background



This preview shows how black text looks on a background with the YUV color 53.1400, 24.5810, 2.5082.



This preview shows how white text looks on a background with the YUV color 53.1400, 24.5810,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.1400, 24.5810, 2.5082

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.4140, 25.4319, -37.1971



Tritanopia

51.5800, 3.6581, -6.6477

Trichromacy



Original Color

53.1400, 24.5810, 2.5082

Protanomaly

46.2400, 29.4617, -23.0125

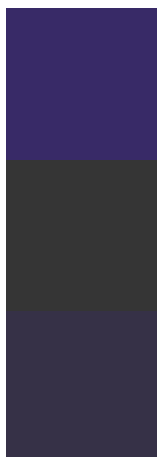
Deuteranomaly

46.3880, 24.9517, -23.1423

Tritanomaly

52.2520, 11.2148, -3.7290

Monochromacy



Original Color

53.1400, 24.5810, 2.5082

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.0030, 8.8725, 0.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.1400, 24.5810, 2.5082 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(56, 42, 103)` looks like.

```
.text, #text, p{  
    color:rgb(56, 42, 103)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(56, 42, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 42, 103) }
```

Border

The CSS property to change the border of an element to YUV 53.1400, 24.5810, 2.5082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 42, 103) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(56, 42, 103) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(56, 42, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 42, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 42, 103);  
box-shadow:4px 4px 4px 4px rgb(56, 42,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 53.1400, 24.5810, 2.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 42, 103) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(56, 42,  
103) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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